

Grassmoor



Scheme description

Grassmoor 33/11 kV Primary substation has limited capacity for a FCO. Proposed reinforcement involves upgrading the 33/11 kV transformers and 11 kV switchboard.



Constraint Season
Winter/Summer



Flexibility Product
Secure

Justification for decision

Flexibility procurement is necessary to manage this constraint. Cost Benefit Analysis indicates reinforcement should be initiated in the near future. Flexibility procurement will continue as works are planned alongside the circuit works (Chesterfield Main scheme).

Constraint management timeline

- 2022 H2 Procurement
- 2022 H1 Procurement
- 2021 H2 Procurement
- 2021 H1 Procurement
- 2020 H2 Procurement
- 2020 H1 Procurement

Estimated flex utilisation required per year (MWh):

	2022	2023	2024	2025	2026
BV	37.00	83.82			
CT	56.73				
LTW	64.03				
ST	12.23	21.15	30.36	49.54	82.18
SP	6.20	9.16	12.17	15.33	19.52

